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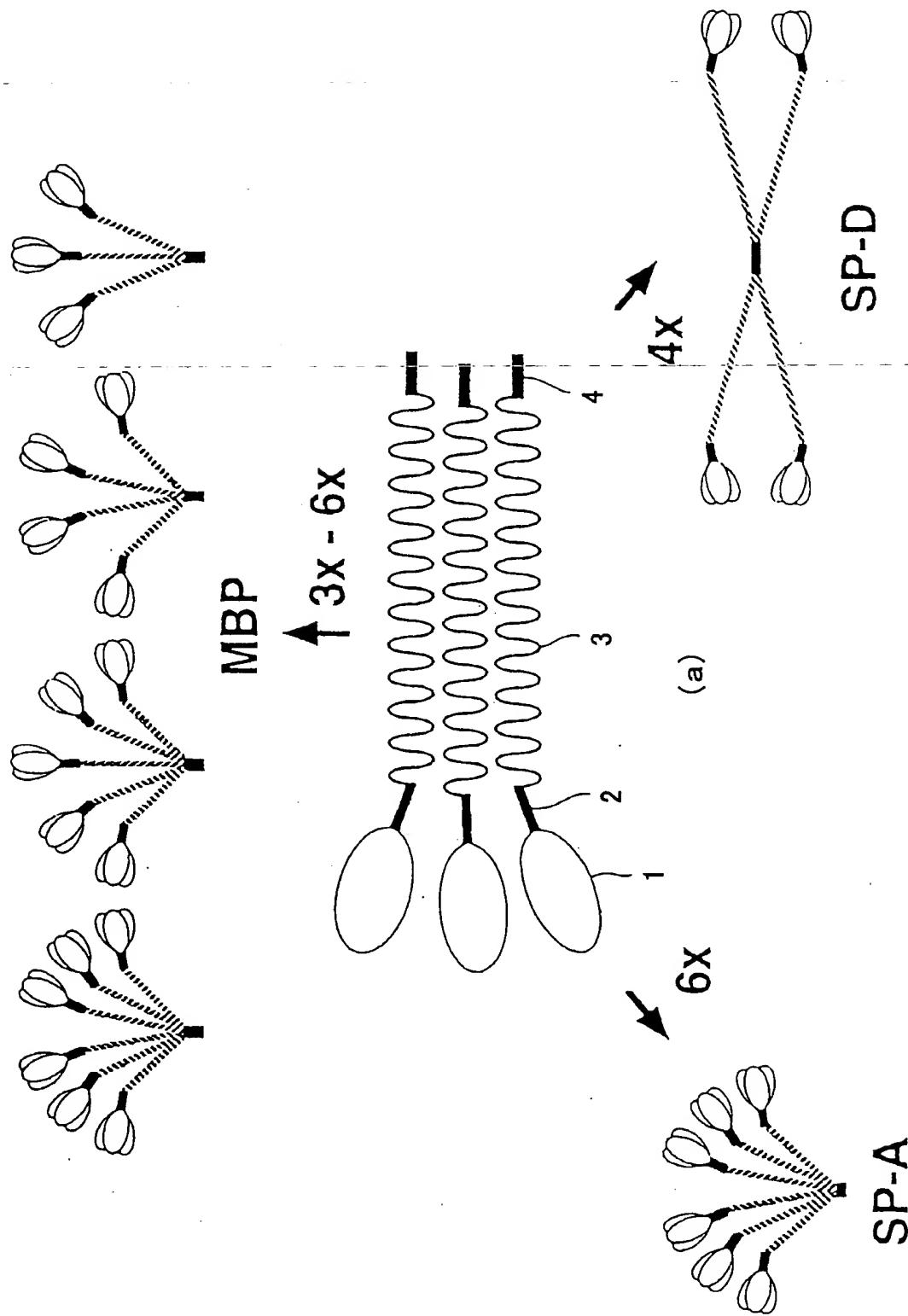


Fig. 1

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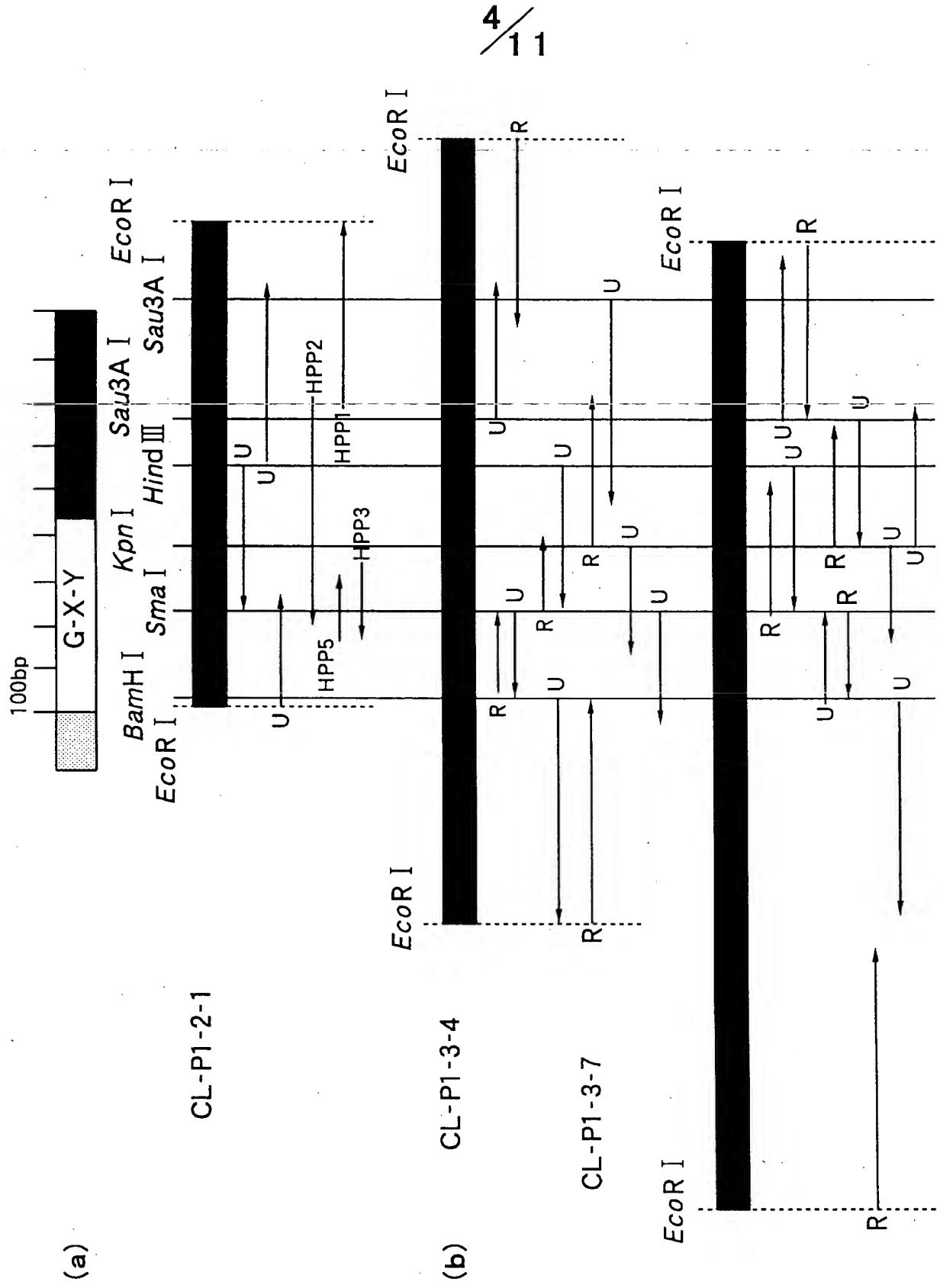
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1 1

human MBP	GDPG-KSPDQDSS[AA]-	----- SERKALQTEMARIKKWLT[ESL]GKQVGNK[FE]LNGEIMTFEKV
human SP - A	-PAHLDEELQATLHD-	-FRHQIILQTRGALS-LQGSI-----MTVGEKMESSNGQSITFDAI
human SP - D	GIPGDKGAKGE[SC]PDVASL[RG]QVEALQGQVQH[QAAFSQYKKVLEL	PNGQSVGEKIFKTAGFVVKPFTEA 280

3
bio
Ei

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SLFPS-LP[LLLSMVAASYSE]TVTCE[QKQT---CPAV[ACSS--P[CINCFP[KDGRDGTK[EK[EPG
WLCPLA[LIM[ASGA---ACEVKDVCV
LLEFL[SAI[VLI[TO-PLGYLE[AEMKTYSHRTMPSACTLV-MCSSVESGLPGRDGRDGREGPRGEK[DPG
QQD[MR[SDTDEV[ALSVT[EMKLVD[SKH[Q---L[KNFTILQ[PPG[PRG---PRGDRESQ 70

[P[GMPG---P[GMPGQAGMPGQAGPVGPGPKGDNC[SV[CEP[GHK[GDT[GB[SG[P[GVP[PA[GRE[QALGK[CG[MI[PPQK[PCP
PPGPTDN[KC---QKGEK[GEE[GPPG[ER[GK[GSK[S---QCPK[GSRQ[SPK 140

[Q[LRG[Q[G---P[GKLG[PPG[GNPGHS
DGRDGVKGDPGPPG---ETPCPPG---NNGL[PCAPGVP[G[ER[GK[ER
KCEAGEFKDEV[APGMQGSAC[ARGT[AGEK[G[ER[GVP[NT[QAGSAGAM[G[Q[SPCARG[GPPQ[GLK[GDK
PG[PGESGIDPGPPG---PPGKEGT[PGH[QGPPFQCLQ[TV[EP[MEQ---ERGL[PGL[P[G[V[EGC[MP[GPK 210

Fig. 5

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human MBP GSPGKDKOKGDPGKSPDG---DSSL~~A~~ASERKALQTEMARIKKWLTFSLG-RQVGNKFFLTNGEIMT~~F~~EK
human SP-A GEAGERGH---PGIPA---HLDEELQATLHDFRHQIILQTRGALSLOGSIMTVGEKVFSSNGQSITE~~DA~~
human SP-D GIPGDKGAKGESEGLPDVASRQQVTEALQGQVQHLQAAF~~SQYKKV~~ELFENG-QSVGEK~~LIFKTA~~GFV~~KP~~ETE
human novel collectin GPPGHPGE---SGAVVPLA~~Q~~NEPTP~~A~~PEDNGC---E~~PHW~~INF~~T~~DKCYYF~~S~~VE~~K~~E~~IF~~ED 280

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VAL~~Y~~KEQASVATPRNAAFENGAT~~Q~~NL~~I~~---KEAFL~~Q~~DEK~~T~~EGOFV~~D~~IT~~G~~NR~~L~~T~~Y~~TM~~N~~E~~E~~NN~~N~~--
TOEACARAGGR~~I~~AVPRNPE~~E~~NEA~~A~~ASFVKKYNTYAYVGL~~T~~EGPSPGDFRYS~~D~~G~~T~~IPVNYT~~T~~MYR~~G~~E~~A~~G~~--~~
AQ~~Q~~LOTOAGGQ~~Q~~ASPRSAAFNAALQQL~~W~~AKNEAAFL~~S~~MT~~D~~SK~~T~~E~~G~~KFT~~T~~PT~~G~~E~~S~~L~~V~~Y~~S~~N~~M~~A~~P~~E~~I~~N~~D~~--
AKIF~~F~~EDKSSH~~H~~VFINTRE~~E~~QQW~~W~~KKQMMG-RE~~SHW~~IGLT~~D~~SER~~E~~NEWKWL~~D~~G~~T~~SPD~~Y~~K~~W~~KA~~Q~~ED~~D~~NG~~W~~G 350

--AGSDEDQV~~Q~~ILKNG~~G~~WN~~D~~V~~P~~POST~~S~~HL~~A~~VE~~C~~F~~P~~I*---
--RG-KEQQ~~Q~~YEM~~Y~~TD~~G~~WN~~D~~R~~N~~OLY~~S~~RL~~T~~~~D~~F*---
--DGGS~~E~~DQ~~Q~~VE~~I~~FT~~N~~Q~~K~~W~~N~~D~~R~~A~~G~~ER~~K~~RL~~V~~V~~C~~F*---
HGHGPGEDQ~~G~~AG~~G~~IIYAG~~W~~ND~~F~~QQ~~E~~DV~~V~~NN~~F~~ICE~~K~~DRET~~V~~L~~S~~SA~~L~~*
F i g. 6

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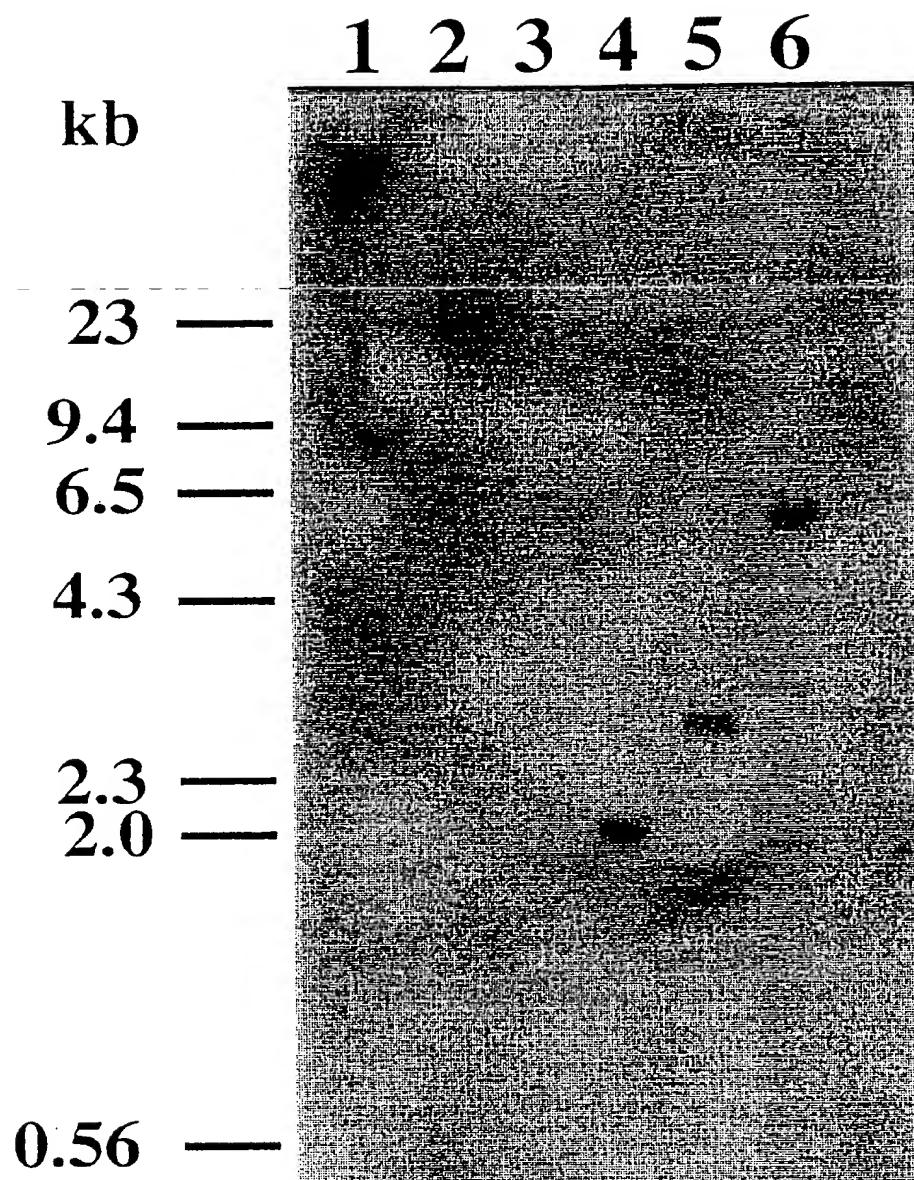


Fig. 7

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Fig. 8

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1 2 3 4 5 6 7 8

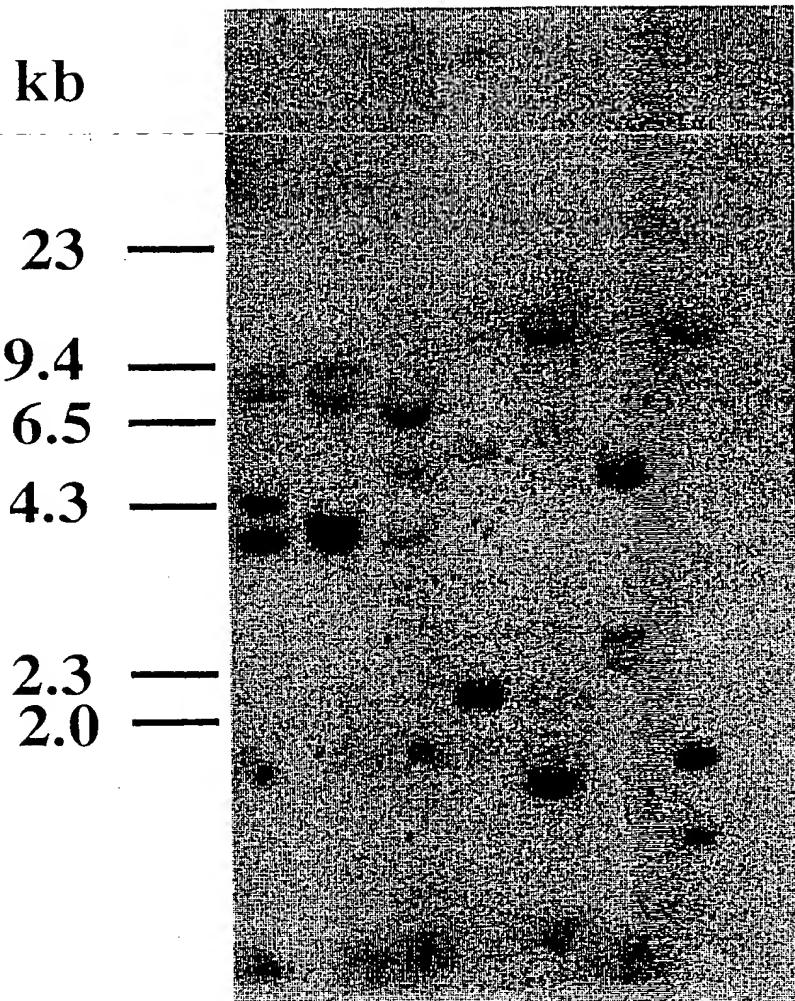


Fig. 9

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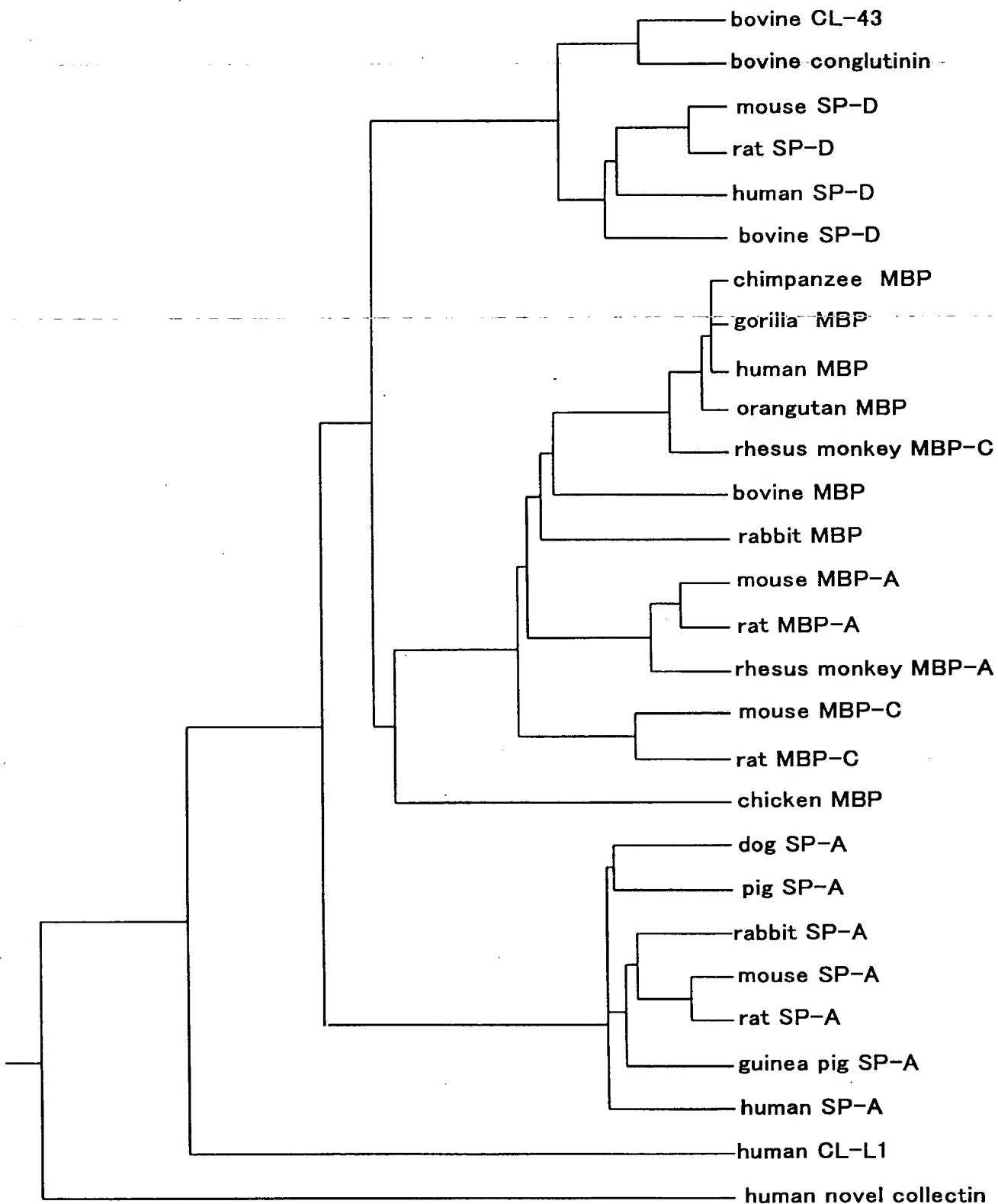


Fig. 10

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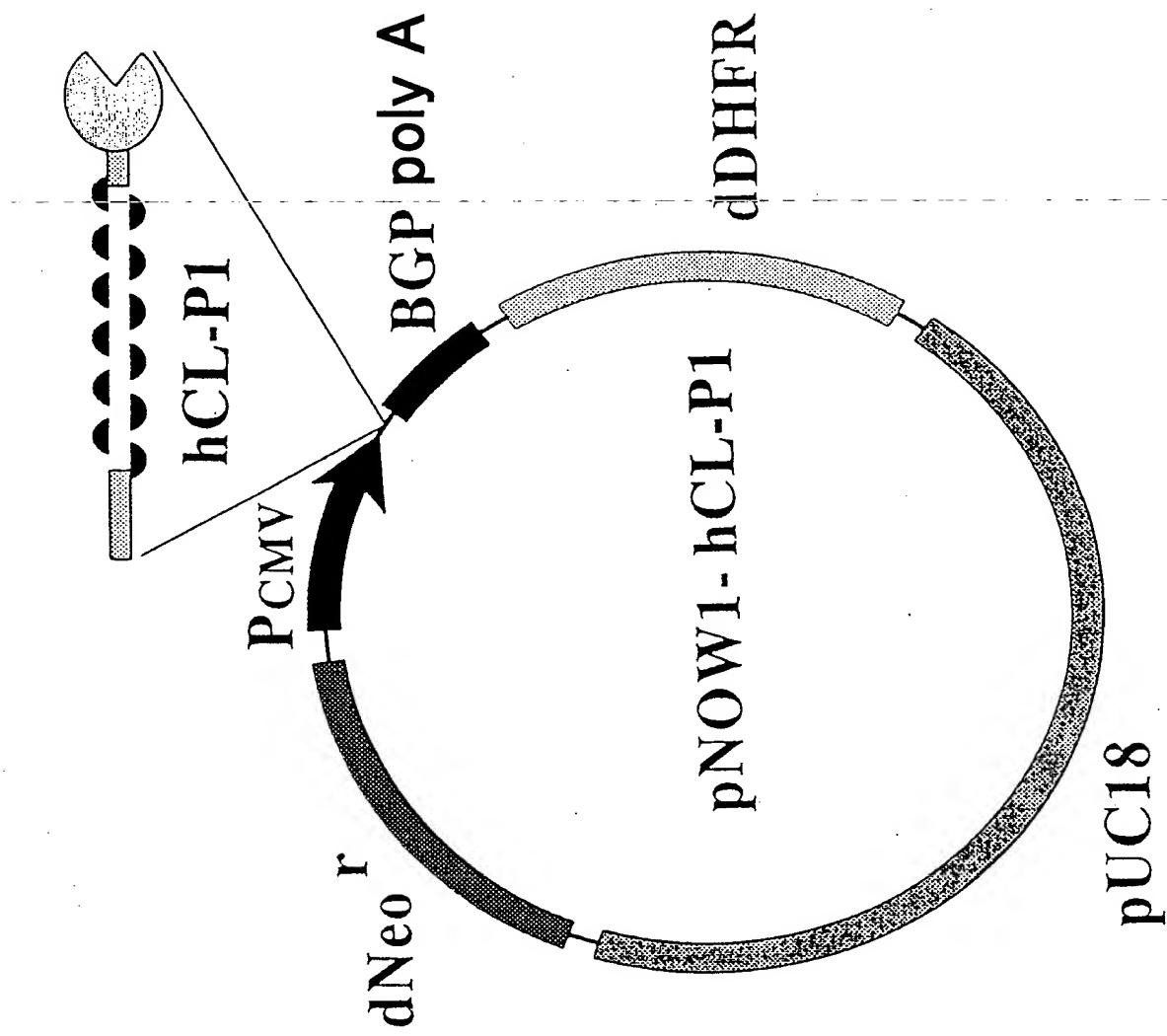


Fig. 11